

DRAFT

**Industrial Stormwater General Permit National Pollutant Discharge Elimination System (NPDES)
Discharge Monitoring Report (DMR)**

Site Name: ALASKAN COPPER WORKS		WAR000139	
Site Address: 3200 6th Ave S			Sampling Point
City: Seattle	County: King		

Submit one DMR per sampling point.

Reporting Period			
Quarter (circle one) Year:			
1 st	2 nd	3 rd	4 th
Jan/Feb/Mar	Apr/May/Jun	Jul/Aug/Sept	Oct/Nov/Dec

Parameter	Units	Benchmark Value (Effluent Limit)*	Analytical Method	Laboratory Quantitation Level	Sample Results			
					SINGLE SAMPLE RESULT	SINGLE SAMPLE DATE (MM/DD)	AVERAGE <small>(If more than one sample collected, complete additional sampling log on next page.)</small>	CONSISTENT ATTAINMENT? <small>(Condition S4.B.6) (✓ for yes)</small>
Turbidity	NTU	25	EPA 180.1, Meter	0.5				<input type="checkbox"/>
pH	s.u.	5 - 9	Meter	±0.5			N/A	<input type="checkbox"/>
Zinc, Total	µg/L	117	EPA 200.8	2.5				<input type="checkbox"/>
Oil Sheen	Yes/No	No visible oil sheen	N/A	N/A	Sheen Present? Yes / No (circle)		N/A	N/A
Copper, Total	µg/L	Western WA: 14 Eastern WA: 32	EPA 200.8	2.0				<input type="checkbox"/>
Lead, Total	µg/L	81.6	EPA 200.8	0.5				<input type="checkbox"/>
Total Petroleum Hydrocarbons (TPH)	mg/L	10	NWTPH-Dx	0.1				<input type="checkbox"/>
TSS*	mg/L	(30)*	SM2540-D	5			N/A	N/A

☐ No sample collected – No stormwater was discharged during normal working hours.

☐ No sample collected – Stormwater was discharged during normal working hours, but a sample wasn't collected (explain in comments section).

*TSS is included per condition S6 of Permit because this facility discharges to a water body 303(d) listed for sediment. The effluent limit of 30 mg/L is for both marine and fresh water.
ADDITIONAL COMMENTS:

Certification Statement I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name / Title (printed) _____ / _____	Signature (not valid unless signed). See Permit Condition G2 for signature requirements. _____	Date Signed _____
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{00215323.DOC /1} Mail your DMR to: Department of Ecology, Water Quality Program – Industrial Stormwater, P.O. Box 47696, Olympia, WA 98504-7696

AKC-0022489

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ADDITIONAL SAMPLING LOG

If you collect more than one sample per quarter, report the results in the table below. Include the date the sample was collected, and the results of the analysis. Calculate the average (mean) for each parameter (except pH and oil sheen) and report the value in the AVERAGE column on the front page. Attach additional sheets if necessary.

Site Name: ALASKAN COPPER		WAR000139	
Site Address: 3200 6th Ave S			Sampling Point
City: Seattle	County: King		

Sample date (MM/DD/YYYY)	Turbidity (NTU)	pH (s.u.)	Zinc, Total (µg/L)	Oil Sheen Present? (circle one)	Copper, Total (µg/L)	Lead, Total (µg/L)	Total Petroleum Hydrocarbons (TPH)

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**QUARTERLY STORMWATER SAMPLING
ALASKAN COPPER WORKS, SEATTLE, WASHINGTON**

Quarter: _____ Date: _____ Sampling Locations: <u>CB331707 and CB330001</u>	
STORMWATER SAMPLING: According to the Industrial Stormwater General Permit condition S4.B, a permittee is required to collect a sample within the first 12 hours of stormwater discharge. Fourth quarter sampling must occur during the first storm event of that quarter. For the other three quarters, sampling does not need to be conducted during the first storm event. Permittees need not sample outside of regular business hours, during unsafe conditions, or during quarters where there is no discharge, but must still submit a Discharge Monitoring Report each reporting period.	
1. Time of sampling (should be within 12 hours after discharge begins):	<u>CB331707:</u> _____ <u>CB330001:</u> _____
2. Did sampling occur within the first 12 hours of discharge?	<input type="checkbox"/> Yes <input type="checkbox"/> No
3. If the answer to question 2 is no, explain why a sample was not collected within the first 12 hours.	
4. For fourth quarter sampling, did the sampling occur during the first storm event of that quarter? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
5. Sampling method (e.g., "from catch basin by hand"):	_____
6. Sampling parameters: turbidity, pH, total copper, total zinc, total lead, total petroleum hydrocarbons, TSS	
7. Oil Sheen Present?	<u>CB331707:</u> <input type="checkbox"/> Yes <input type="checkbox"/> No <u>CB330001:</u> <input type="checkbox"/> Yes <input type="checkbox"/> No
7. Result of field measurements (pH/Turbidity):	<u>CB331707:</u> _____ <u>CB330001:</u> _____
8. Comments (i.e., unusual circumstances):	
Name of sampler: _____	
Signature of sampler: _____ Date: _____	
VISUAL MONITORING REMINDER [If monthly visual monitoring has not already been conducted, record the results of visual monitoring on the separate required Monthly Inspection form].	

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MONTHLY INSPECTION FORM
ALASKAN COPPER WORKS, SEATTLE, WASHINGTON

Quarter: _____ Date: _____ Location(s): CB331707, CB330001, CB330102, and CB SE of Bldg 2958

MONTHLY INSPECTION [In accordance with Permit Condition S7, qualified personnel shall conduct and document visual inspections of the site each month. Each inspection shall include: observations made at stormwater sampling locations and areas where stormwater associated with industrial activity is discharged off-site; or discharged to waters of the state, or to a storm sewer system that drains to waters of the state. Record the results of each inspection on this form and keep the form on-site for Ecology review.

If conducted during a storm event, inspect stormwater discharge for evidence of pollutants entering the drainage system. Check for oil sheen, floating debris, discoloration, turbidity, and odor. Record observations here:

Or, if conducted during a non storm event, check for the presence of illicit discharges such as domestic wastewater, noncontact cooling water, or process wastewater. Groundwater is not considered an illicit discharge. If an illicit discharge is discovered, the Permittee shall notify Ecology within seven days and eliminate the illicit discharge within 30 days. Record observations here:

Indicate which of the following BMPs, as described in the SWPPP, were observed during this inspection:

- ☐ Catch basin insert filters inspected and cleaned or replaced as necessary.
☐ Liquids stored outdoors are covered or have secondary containment.
☐ Covers placed over waste dumpsters and storage containers.
☐ Paved areas swept clean. ☐ Other BMPs observed? List here:

1. Do the BMPs listed above appear to be functioning adequately and with no observable deviations from the BMP descriptions as described in the SWPPP (Yes / No)?
2. Do the site conditions including potential pollutant sources appear to be consistent with the facility assessment and site map contained in the SWPPP (Yes / No)?

[If the answer to questions 1 or 2 were no, explain here. Include, if applicable, the locations of BMPs that need maintenance, the reason maintenance is needed and a schedule for maintenance, as well as the locations where additional or different BMPs are needed and the rationale for the additional or different BMPs.]

COMPLIANCE STATEMENT: In the judgment of the person identified below as Inspector, the Alaskan Copper Facility is in ☐ **COMPLIANCE** OR ☐ **NON-COMPLIANCE*** (check one) with the terms and conditions of the SWPPP and the Permit. In the judgment of the person identified below as Facility Representative, the Facility is in ☐ **COMPLIANCE** OR ☐ **NON-COMPLIANCE*** (check one) with the terms & conditions of the SWPPP and the Permit. *If non-compliance, the Permittee shall prepare reports of non-compliance in accordance with the requirements of Condition S9.E of the Permit.

CERTIFICATION: I certify that this report is true, accurate, and complete, to the best of my knowledge and belief.

Name of inspector (1): _____ Title _____

Signature of inspector (1): _____ Date _____

Name of Facility Representative (2): _____ Title _____

Signature of Facility Representative (2) _____ Date _____

(1): As acknowledged by Ecology's Detailed Response to Comments Fact Sheet, APPENDIX C Addendum Part TWO, the certification and signature of the site inspector "may be limited by several factors including incomplete information (e.g., DMR compliance, etc...)". Therefore, by implication, certification and signature by the site inspector does not guarantee site compliance, nor does it imply site inspector liability if non compliance is later determined for the site.

(2) In lieu of Certification and signature of the person described in Condition G2.A of the Permit, a duly authorized representative of the facility, in accordance with Condition G.2.B may also certify and sign this inspection form.

Comment [jbk1]: This is either too narrow or too broad. It is too narrow if the "location" is the "site," which is all of the facility covered by the Permit. It is too broad if the "location" is the designated sampling location, because Alaskan Copper does not have four sampling locations. Recommend deleting the "Location(s):" line or inserting the primary address of the facility.